



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Zumtobel Lighting GmbH  
SUPREME SURFACE  
**Report No. ZU 2503-1608**

### Product series Hygienic Design

### Qualification Certificate

This is to certify that the product mentioned above, provided by

**Zumtobel Lighting GmbH**  
Dornbirn, Austria

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number ZU 2503-1608.

The luminaire series SUPREME SURFACE is principally suitable for  
use in hygienic areas up to the following GMP Class according to  
EU GMP Annex 1:

Suitability
up to GMP Class C

However, this recommendation only pertains to the operating  
utility when in a resting state. An overall assessment can only be  
made after its installation in the production environment.

This document only  
applies to the named  
product in its original state  
and is valid for a period of  
5 years from the date the  
first document was issued.  
The document can be  
verified under  
[www.tested-device.com](http://www.tested-device.com).

Detailed information and  
parameters of the test  
environment can be found  
in the Fraunhofer IPA test  
report.

ZU 2503-1608  
Report No. first document

Stuttgart, May 26, 2025  
Place, date of first document issued

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Report No. current document

--  
Place, current date

on behalf of   
Dr.-Ing. Frank Bürger, head of business unit Testing and Certification



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Zumtobel Lighting GmbH  
SUPREME SURFACE  
Report No. ZU 2503-1608

### Product series Particle Emission in Cleanroom (atmospheric)

### Qualification Certificate

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**Zumtobel Lighting GmbH**  
Dornbirn, Austria

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The luminaire series SUPREME SURFACE was assessed in  
compliance with ISO 14644-14. When operated under the  
specified test conditions (room temperature:  $22^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ ;  
relative humidity:  $45\% \pm 5\%$ ), it is suitable for use in cleanrooms  
fulfilling the specifications of the following Air Cleanliness Class  
according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
Structure-borne noise = approx. 50Hz	2
Overall result	

It should be noted that cleanrooms of Class 1 to 5 according to  
ISO 14644-1 have a higher filter occupancy, which may restrict  
the use of panel lighting systems. Cleanrooms with a horizontal  
displacement flow form an exception to this. The test result may  
be affected by the surrounding ceiling system.  
Please note: Transport damages, incorrect installation, aging  
behavior, corrosion etc. can influence the test result.

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